

## PRODUCT DATA SHEET

# Sika® Fleece-140 (US)

Polyester fleece reinforcement for Sikalastic® RoofPRO systems

### DESCRIPTION

Non-woven, needle-punched polyester fleece reinforcement to enhance the strength and durability of Sikalastic RoofPro roofing and waterproofing membranes.

### USES

- Ideal for roofing and waterproofing applications displaying complex details and geometry or when accessibility is limited
- Suitable for applications where visibility of reinforcement overlaps is an aesthetic concern
- Ideal for applications where a one-day system installation is required

### CHARACTERISTICS / ADVANTAGES

- Permits wet on wet application of Sikalastic 621 TC (US), Sikalastic-624 WP, Sikalastic-641 Lo VOC and Sikalastic-644 Lo VOC
- Creates strong reinforced roofing and waterproofing membranes with enhanced tensile strength
- Fleece thickness dictates membrane thickness
- Reduces pinholding due to outgassing
- Increases puncture and tear resistance

### PRODUCT INFORMATION

<b>Packaging</b>	48 in. (1.2 m) w x 150 ft. (45 m)   individually bagged rolls
<b>Shelf life</b>	Indefinite
<b>Storage conditions</b>	Store flat and wrinkle-free in original, unopened and undamaged sealed packaging in dry conditions Condition material to 50°-77°F (10°-25°C) before using for ease of application.
<b>Thickness</b>	60 mils +/- 10 % <span style="float: right;">(ASTM D-5729)</span>
<b>Area density</b>	140 g/m <sup>2</sup>

### TECHNICAL INFORMATION

<b>Tensile strength</b>	MD 50 lb. (22.7 kg) min. <span style="float: right;">(ASTM D-5034)</span> CMD 70 lb. (32 kg) min.
<b>Chemical resistance</b>	Not intended to be directly subjected to chemical exposure without being fully saturated with liquid resin.

## BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## IMPORTANT CONSIDERATIONS

- Avoid creating wrinkles and creases during storage, as they will tend to be visible in finished membrane after application.
- Store rolls on end, and not on their side.
- Any repairs required to achieve a level surface must be performed prior to application (consult a Sika representative for guidance on various Sika product solutions). Surface irregularities may reflect through the cured system.
- Do not apply to a porous or damp surface where moisture vapor transmission will occur during application and cure.
- Substrate must be dry prior to application. Do not apply to a frosted, wet or damp surface. Allow sufficient time for the substrate to dry after rain or inclement weather as there is the potential for bonding problems.

## ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

## APPLICATION INSTRUCTIONS

### APPLICATION

Precut Sika® Fleece-140 (US) and dry-fit to horizontal field and vertical flashing conditions. Temporarily remove fleece. Apply approximately 2/3 of the specified resin quantity to primed substrate surface with a 1/2" (12.7 mm) nap phenolic resin core roller. Immediately fit and place Sika® Fleece-140 (US) into wet resin, overlapping reinforcement 3" (76.2 mm) along the sides and 6" (152.4 mm) at the roll ends. Apply wet roller to topside with light pressure to saturate from bottom and to ensure that air pockets are completely removed. Immediately apply the remaining 1/3 of the specified resin quantity and apply wet roller to topside with light pressure to fully saturate the membrane and achieve an even texture and appearance.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from

Sika Kenya Limited. Please consult the local Product Data Sheet for the exact product data.

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### LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika

products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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